

July 30, 1963

25X1

Dear George:

Your question about the relative effectiveness of various ones of a sequence of exposures on the Multiple Image Correlator is answered in Dr. Mees' book "Theory of the Photographic Process" in the section on "Intermittency Effect". We are sending a Verifax copy of that section in case you don't have access to the book.

This discussion indicates that: (1) each of the several equal exposures would have equal effect, and that (2) the total time of the multiple exposures^{is} equal to the time for single exposure from one of the (equal) originals. This conclusion is based upon the assumption of a very low "frequency" of the multiple exposures, (see Fig. 82).

RDP:ldm

Royce

Enclosure

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w/o enc. ✓

Declass Review by NGA.